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(54) Title: IMAGE TRANSFER TO A SUBSTRATE BY USING HEAT

(57) Abstract: A heat transfer material kit is disclosed that includes a first image transfer material (10) that includes a printable non-porous surface, and a second image transfer material (40) that includes an outer layer having a film forming binder and thermoplastic particles. A method of using the kit is disclosed (see Fig. 3a- 3f) that includes the steps of a) imaging the substantially non-porous printable surface to form an imaged surface having printed and un-printed areas; b) positioning the outer layer adjacent the imaged surface; c) transferring a portion of the outer layer to the printed area while transferring a lesser portion of the outer layer to the non-printed area to form a coated imaged surface having a non-printed area with less coating than the printed area; and d) thereafter transferring the coated image to a substrate.. Alternate methods of using the kit and applying images to substrates that provide good image appearance and durability are also disclosed.

# INTERNATIONAL SEARCH REPORT

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<b>A. CLASSIFICATION OF SUBJECT MATTER</b> B44C1/17				
According to International Patent Classification (IPC) or to both national classification and IPC				
<b>B. FIELDS SEARCHED</b>				
Minimum documentation searched (classification system followed by classification symbols) B44C B41M D06Q				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
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<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>				
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
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Y	US 6 177 187 B1 (AXEL NIEMOLLER ET AL.) 23 January 2001 (2001-01-23) column 1, line 4 - column 10, line 59	1-41		
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.				
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° Special categories of cited documents:				
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*A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family			
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